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Entry 1 of 1

File: DWPI

Nov 1, 1998

DERWENT-ACC-NO: 1999-347873

DERWENT-WEEK: 199930

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TITLE: Electrical insulating fluid, used in switchgear or fuse

INVENTOR: SUNDIN, D W

PATENT-ASSIGNEE: SUNDIN D W[SUNDI]

## PRIORITY-DATA:

APPL-NO

1997CA-2204273

APPL-DATE

May 1, 1997

## PATENT-FAMILY:

PUB-NO

CA 2204273 A

PUB-DATE

November 1, 1998

LANGUAGE

N/A

PAGES

017

MAIN-IPC

H01B003/20

## APPLICATION-DATA:

PUB-NO

CA 2204273A

APPL-DATE

May 1, 1997

APPL-NO

1997CA-2204273

APPL-DESCRIPTOR

N/A

INT-CL (IPC): H01B 3/20

ABSTRACTED-PUB-NO: CA 2204273A

## BASIC-ABSTRACT:

NOVELTY - An electrical insulating fluid comprises a vegetable seed oil blend including a high oleic acid vegetable seed oil having sufficient resistance to oxidation to provide a useful electrical insulating fluid.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM includes a method for manufacturing a vegetable seed oil based electrical insulating fluid comprising (a) providing a vegetable seed oil blend including at least one high oleic acid vegetable seed oil; (b) introducing the blend to a mixture of activated adsorbent clay and activated alumina; and (c) separating the blend from the clay and the alumina.

USE - Used in switchgears or fuses.

ADVANTAGE - Provides improved vegetable seed oil base electrical insulating fluid stable in use, relatively nonflammable, rapidly and highly biodegradable, environmentally safe, and competitively inexpensive.

ABSTRACTED-PUB-NO: CA 2204273A  
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/0

DERWENT-CLASS: H08 L02 L03 X12 X13  
CPI-CODES: H08-D08; L03-A;  
EPI-CODES: X12-E02A; X13-B09; X13-D01;

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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